

ABSTRACT

THE EFFECT OF TEACHING FACTORY LEARNING ON STUDENT'S ADAPTABILITY AND STUDENT'S ACHIEVEMENT IN PRACTICAL MACHINING IN SMK KRISTEN 2 SURAKARTA

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This research aimed to: (1) knowing the description of the implementation of the Teaching Factory learning, (2) knowing the description of student's adaptability, (3) knowing the description of student's achievement, (4) determine the effect of Teaching Factory learning on the student's adaptability, (5) determine the effect of Teaching Factory learning to student achievement.

This research used ex post facto approach because the independent variables are not treated specially but simply reveals the fact based on the measurement of symptoms have been present in the respondents. The research was conducted in SMK Kristen 2 Surakarta in class XII major of Mechanical Engineering with 86 students as respondents. Retrieval research data using a questionnaire instrument, and documentation of practical values. Questionnaire instrument consists of two categories, used to uncover the implementation of the Teaching Factory learning data and students adaptability. Documentation of practical values are used to uncover students' achievement. The method used in this research is quantitative method. The validity test of the instruments carried by the Product Moment correlation analysis. Reliability test instruments are analyzed with techniques halved, Spearman Brown Split Half. Test requirements analysis using the normality test data with Chi Square. Analytical techniques used for testing the hypothesis is a simple linear regression testing techniques.

The results of the research shows that: (1) implementation of the Teaching Factory Learning for 48.84%, including sufficient categories, (2) the adaptability of students at 38.37%, including categories of sufficient, (3) respectively the mean price for the value of learning students achievement pre-and post- Teaching Factory learning is at 7.35 and 8.73, the difference of the average is 1.38 with a percentage increase as 8.61%, (4) there is no effect of Teaching Factory learning on the ability of students adaptation because the results of the regression test obtained value of F test is $(1.878) < F$ table value (3.90), but there is a positive relationship, very strong and significant for 0.99143 between Teaching Factory learning and adaptability of students, (5) there is no learning effect of Teaching Factory learning on the students achievement in practical machining because the results of the regression test obtained value of F test is $(0.686) < F$ table value (3.90). However there is a positive relationship, very strong and significant for 0.992184 between Teaching Factory learning and student achievement.

**PENGARUH PEMBELAJARAN *TEACHING FACTORY* TERHADAP
KEMAMPUAN ADAPTASI DAN PRESTASI BELAJAR SISWA PADA
MATA DIKLAT PRAKTIK PEMESINAN DI SMK KRISTEN 2
SURAKARTA**

SKRIPSI

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